

ABSTRACT

Disclosed herein is an image navigation module for an optical mouse. The image navigation module includes a module
5 unit and a lid type prism-integrated lens. The module unit is constructed in such a way that a light emitting element and a sensor die are constructed on a board in a chip-on board manner. The lid type prism-integrated lens is put on the board to cover regions where the light emitting element and
10 the sensor die are constructed. The sensor die is a single chip sensor into which an image sensor for detecting light converged by the lid type prism-integrated lens and a Main Control Unit (MCU) for processing detected signals are integrated.

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